



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/936,367

DATE: 12/11/2003

TIME: 11:13:11

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\12082003\I936367.raw

W--&gt; 1 SEQUENZPROTOKOLL

3 &lt;110&gt; APPLICANT: Societe des Produits Nestle

5 &lt;120&gt; TITLE OF INVENTION: creA-gene

7 &lt;130&gt; FILE REFERENCE: 80050

C--&gt; 9 &lt;140&gt; CURRENT APPLICATION NUMBER: US/09/936,367

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2001-09-11

12 &lt;150&gt; PRIOR APPLICATION NUMBER: 99 104 923.0

13 &lt;151&gt; PRIOR FILING DATE: 1999-03-11

15 &lt;160&gt; NUMBER OF SEQ ID NOS: 2

17 &lt;170&gt; SOFTWARE: PatentIn Ver. 2.1

19 &lt;210&gt; SEQ ID NO: 1

20 &lt;211&gt; LENGTH: 4238

21 &lt;212&gt; TYPE: DNA

22 &lt;213&gt; ORGANISM: Aspergillus oryzae

24 &lt;400&gt; SEQUENCE: 1

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26 tttttttttcc tttttttttc gctcccgggc agagtgatag tgggatttat tacacaccgt 120
27 gcgtggctga agaacgacac ggaagaagcc ccggaagacg ctttctctag gcaacaaatg 180
28 attgtactct tatgatactc aatacggtag aaaatagaga attgagatac gaaagctgac 240
29 tcatcagaac agaataaggg gaatttttga ttagcaaata acaataataa ttatacaaaa 300
30 aaacaaataa aaaaatttag gggactcccc acccgctgta atcctgggtg tatctcaaag 360
31 caaagcaggc gatctggggg gagcacgttc tttttttttc ttttctcttt tttctatttt 420
32 tttttttttt tttatttttag gtctatgcct tttttttttc ttttcttttt tttttttttt 480
33 tttgcccccc gataattctc cccacacata ggacatactt tttttttttt tcttccact 540
34 cccttcaagg tctccgattc cgataacccc ctctaccagt tcgcccgtgc tttttctctc 600
35 ccctcccccg aagctccatt tctctcttct tcccctccat tctctattct tctcttccg 660
36 tatttctctt atatgtcct atccccagac catttctcca gatttctctc tcttccct 720
37 ctctcccttt cgacaaattg ttgcttgact acatccatct cgggttacct acttacagta 780
38 ccaattccgg atatactcta tcccacccat caccacattc cataacagcg ccctttcatt 840
39 gggaaagtca ctcttccttg aaattgggta catcgcgagc catcgtaact tctttaatcg 900
40 caaggcttgt gatactcttg cgggtgctcg tcatcaacta gtactttgcc aagagcaagt 960
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51 ctgccgctgc cggacaagag aatgcaatgg taaatgtgac caacgcgggc tcgttgatgc 1620
52 ccccgcccac aaagcctatg acccgctctg cgctgtctc tcaggttgga tctccggatg 1680

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Does Not Comply  
Corrected Diskette Needed

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53 tctccccctcc gcactccttc tcgaactatg ccggtcacat gcgttccaat ctgggaccat 1740
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55 catctcaggt tgagcgtgat gaacaacatt ttgggttcca cgctgggtcca cgtaatcacc 1860
56 atttggtcgc ctgcggtcac cacaccgggtc gtggcctgcc ttccctttca gcgtacgcca 1920
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71 aggccagtc ccctgataat tccgggctct accatataca tttcatttcg actatgtcag 2820
72 tttccgcttc gatttagacc tcgagcagga cgagaggggt ccgaaagaaa atacaaacaa 2880
73 aaattatagt aatctgcgtt tactttggca taatacagta gtcattagtt gaggtaggca 2940
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98 &lt;210&gt; SEQ ID NO: 2

99 &lt;211&gt; LENGTH: 431

100 &lt;212&gt; TYPE: PRT

101 &lt;213&gt; ORGANISM: Aspergillus oryzae

103 &lt;400&gt; SEQUENCE: 2

104 Met Pro Pro Pro Ala Ser Ser Val Asp Phe Thr Asn Leu Leu Asn Pro

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105 1 5 10 15
107 Gln Asn Asn Glu Thr Gly Ser Ala Pro Ser Thr Pro Val Asp Ser Ser
108 20 25 30
110 Lys Ala Pro Ser Thr Pro Ser Ser Thr Gln Ser Asn Ser Thr Met Ala
111 35 40 45
113 Ser Ser Val Ser Leu Leu Pro Pro Leu Met Lys Gly Ala Arg Pro Ala
114 50 55 60
116 Thr Glu Glu Ala Arg Gln Asp Leu Pro Arg Pro Tyr Lys Cys Pro Leu
117 65 70 75 80
119 Cys Asp Arg Ala Phe His Arg Leu Glu His Gln Thr Arg His Ile Arg
120 85 90 95
122 Thr His Thr Gly Glu Lys Pro His Ala Cys Gln Phe Pro Gly Cys Thr
123 100 105 110
125 Lys Arg Phe Ser Arg Ser Asp Glu Leu Thr Arg His Ser Arg Ile His
126 115 120 125
128 Asn Asn Pro Asn Ser Arg Arg Ser Asn Lys Ala His Leu Ala Ala Ala
129 130 135 140
131 Ala Ala Ala Ala Ala Ala Gly Gln Gly Gln Glu Asn Ala Met Val Asn
132 145 150 155 160
134 Val Thr Asn Ala Gly Ser Leu Met Pro Pro Pro Thr Lys Pro Met Thr
135 165 170 175
137 Arg Ser Ala Pro Val Ser Gln Val Gly Ser Pro Asp Val Ser Pro Pro
138 180 185 190
140 His Ser Phe Ser Asn Tyr Ala Gly His Met Arg Ser Asn Leu Gly Pro
141 195 200 205
143 Tyr Ala Arg Asn Thr Glu Arg Ala Ser Ser Gly Met Asp Ile Asn Leu
144 210 215 220
146 Leu Ala Thr Ala Ala Ser Gln Val Glu Arg Asp Glu Gln His Phe Gly
147 225 230 235 240
149 Phe His Ala Gly Pro Arg Asn His His Leu Phe Ala Ser Arg His His
150 245 250 255
152 Thr Gly Arg Gly Leu Pro Ser Leu Ser Ala Tyr Ala Ile Ser His Ser
153 260 265 270
155 Met Ser Arg Ser His Phe His Glu Asp Glu Asp Gly Tyr Thr His Arg
156 275 280 285
158 Val Lys Arg Ser Arg Pro Asn Ser Pro Asn Ser Thr Ala Pro Ser Ser
159 290 295 300
161 Pro Thr Phe Ser His Asp Ser Leu Ser Pro Thr Pro Asp His Thr Pro
162 305 310 315 320
164 Leu Ala Thr Pro Ala His Ser Pro Arg Leu Arg Ser Leu Gly Ser Ser
165 325 330 335
167 Glu Leu His Leu Pro Ser Ile Arg His Leu Ser Leu His His Thr Pro
168 340 345 350
170 Ala Leu Ala Pro Met Glu Pro Gln Pro Glu Gly Pro Asn Tyr Tyr Ser
171 355 360 365
173 Pro Ser Gln Ser His Gly Pro Thr Ile Ser Asp Ile Met Ser Arg Pro
174 370 375 380
176 Asp Gly Thr Gln Arg Lys Leu Pro Val Pro Gln Val Pro Lys Val Ala
177 385 390 395 400

```

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179	Val	Gln	Asp	Met	Leu	Asn	Pro	Ser	Ala	Gly	Phe	Ser	Ser	Val	Ser	Ser
180					405					410					415	
182	Ser	Thr	Asn	Asn	Ser	Val	Ala	Gly	Asn	Asp	Leu	Ala	Glu	Arg	Phe	
183				420					425					430		

**VERIFICATION SUMMARY**

DATE: 12/11/2003

PATENT APPLICATION: **US/09/936,367**

TIME: 11:13:12

Input Set : **A:\PTO.AMC.txt**

Output Set: **N:\CRF4\12082003\I936367.raw**

L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:  
L:9 M:270 C: Current Application Number differs, Replaced Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date